

**TELECOMMUNICATIONS GATEWAY AND METHOD**

Abstract of the Disclosure

5           An improved system and associated components for providing reliable power supply and interconnectivity for digital subscriber line (DSL) applications at sites remote from the central office (CO). The system comprises a line power unit in communication with a subscriber-installable gateway module, the latter incorporating a power extraction circuit adapted to extract power from the Telco line. Home phone network (HPN), homeplug, and wireless modules are  
10 also provided within the gateway to permit connectivity between other electronic components within the subscriber's site. Subscriber-installable adapter modules which extract power and perform line interface functions for the various jacks throughout the site are also disclosed. Methods for installing and operating the aforementioned components are also described.

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